

In the Specification:

Please replace the paragraph starting on page 16, line 14 and ending on page 17, line 6 with the following paragraph:

- The first step occurs when the spreadsheet user decides, based on criteria not developed here, to take advantage of the present invention by using the self-replication manager for either creating, or deleting, or renaming a PSRS ; or for either adding or removing a PSRR to / from a PSRS. If so, the spreadsheet user can follow in sequence the following steps:
 - First the spreadsheet user optionally selects a range of cells by using conventional means such as (but not limited to) the pointing device **105** or the keyboard **104**.
 - Then the spreadsheet user invokes an extension of the regular spreadsheet editing facilities using conventional means available in spreadsheet environment, such as (but not limited to) dedicated push-buttons, keyboard entry short cuts, menu or sub menu entries. This extension of the regular editing facilities corresponds to a specific command called "***Self_Replication_Manager***". In a preferred embodiment of the present invention, this ***Self_Replication_Manager*** command is invoked by clicking with the pointing device **105** on a menu entry **501** "Self Replication" within the conventional "Edit" menu **500** of an electronic spreadsheet, as shown in FIG **5A**. It results in displaying on the display device **106** a specific Self-

Replication Dialog Box **600** **510**, as shown in FIG **5B**.

Please replace the paragraph starting on page 17 line 7 and ending on page 17 line 15 with the following paragraph:

- Then the spreadsheet user can take advantage of the different tools available within the Self-Replication Dialog Box **600** **510**, according to the following list:
 - The "Name" text box **511** and the "Create" push-button **517** can be used to create a new PSRS. For this purpose the spreadsheet user first fills this "Name" text box **511** with the name of the new PSRS to be created and then clicks on the "Create" push-button **517**. As a result, the newly created PSRS now appears within the "Existing PSRS" list box **512**.

Please replace the paragraph starting on page 19 line 24 and ending on line 26 with the following paragraph:

- The "Cancel" push-button **516** and the "OK" push-button **515** can be used by the spreadsheet user to close the Self-Replication Dialog Box **600** **510**.

In the Claims:

1. (currently amended) A Method for persistently self-replicating multiple ranges of cells through a copy and paste operation, in a multi dimensional spreadsheet comprising a plurality of cells having content and identified by a cell address along each dimension, a range of cells comprising one or a plurality of cells, the method

comprising the steps of:

- defining a set of ranges of cells, each range of cells having the same size and at least two of said ranges having different relative addresses; and
- each time the content of a range of cells belonging to said set is changed, automatically performing a self-replication operation, said self-replication operation comprising the steps of:
 - copying the changed range of cells onto a buffer;
 - determining the set of ranges of cells to which the changed range of cells belongs to;
 - identifying the ranges of cells belonging to said set; and
 - pasting the content of the buffer in each of identified range of cells belonging to said set.

2. (original) The method of Claim 1 wherein the step of defining a set of ranges of cells further comprises the steps of:

- adding a new range of cells to said set of ranges of cells, wherein said step of adding further comprises the steps of:
 - selecting a new range of cells; and
 - creating a link between the new range of cells with at least one range of cells belonging to said set of ranges of cells.

3. (original) The method according to claim 1, wherein the step of defining a set of ranges of cells further comprises the step of:

- performing a persistent copy operation on a first range of cells, wherein said persistent copy operation comprises the steps of:
 - selecting a first range of cells;
 - copying onto a buffer the selected first range of cells;
- performing a persistent paste operation, wherein said persistent paste operation comprises the steps of:
 - Selecting at least one other range of cells; and

for each other selected range of cells:

- copying the content of said buffer onto each other selected range of cells; and
- creating a link between each other range of cells and the first range of cells.

4. (currently amended) The method according to claim 3, wherein the step of performing a persistent copy operation further comprises the step of:

- invoking a persistent copy command; and

wherein the step of performing a persistent paste operation further comprises the step of:

- invoking a persistent ~~past~~ paste command.

5. (currently amended) The method according to claim 1, wherein the step of defining a set of ranges of cells further comprises the steps of:

- storing in a table a name for identifying said set of ranges of cells;
- storing in said table, means[, preferably a name or an address,] for identifying each range of cells belonging to said set; and
- creating a link in said table between the name of the set and said means for identifying each range of cells belonging to said set.

6. (original) The method according to claim 1, wherein the step of defining a set of ranges of cells further comprises the step of:

- associating the ranges of cells belonging to said defined set with set dependent display attributes.

7. (currently amended) The method according to claim [5] 6, wherein the step of associating the ranges of cells belonging to said defined set, further comprises the steps of:

- associating a first variable with said set of ranges of

cells;

- setting said first variable to a set dependent value; and
- displaying the ranges of cells of said set with display attributes according to the value of said first variable.

8. (currently amended) The method according to claim [4] 5, wherein the step of storing in said table, means for identifying each range of cells belonging to said set, further comprises the steps of:

for each range of cells belonging to said set:

- determining current attributes of said range of cells;
- storing in said table said current attributes; and
- associating in said table the range of cells with the current attributes.

9. (original) The method according to claim 7, wherein the step of storing in said table said current attributes, comprises the further step of:

- associating a second variable with each range of cells; and
- setting said second variable to a value associated with said current attributes.

10. (currently amended) The method according to claim 7, further comprising [the] a step of removing a range of cells from the set of ranges of cells, wherein the step of removing further

comprises the step of:

- retrieving the current attributes associated with said range of cells; and
- displaying said range of cells with said current display attributes.

11. (new) The method according to claim 5, wherein said means for identifying comprises a name or an address.

12. (new) A method of implementing a software product for a client, the software product capable of persistently self-replicating multiple ranges of cells through a copy and paste operation, in a multi dimensional spreadsheet comprising a plurality of cells having content and identified by a cell address along each dimension, a range of cells comprising one or a plurality of cells, the method comprising the steps of:

- providing first instruction code for defining a set of ranges of cells, each range of cells having the same size, and at least two of said ranges having different relative addresses; and
- providing second instruction code for detecting each time the content of a range of cells belonging to said set is changed, and automatically performing a self-replication operation, said self-replication operation comprising the steps of:
 - copying the changed range of cells onto a buffer;
 - determining the set of ranges of cells to which the